

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1281171

Luminaire Tested: P3AS05R25B2750DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281171
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R25B2750DE010 E3DL1H_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 80CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

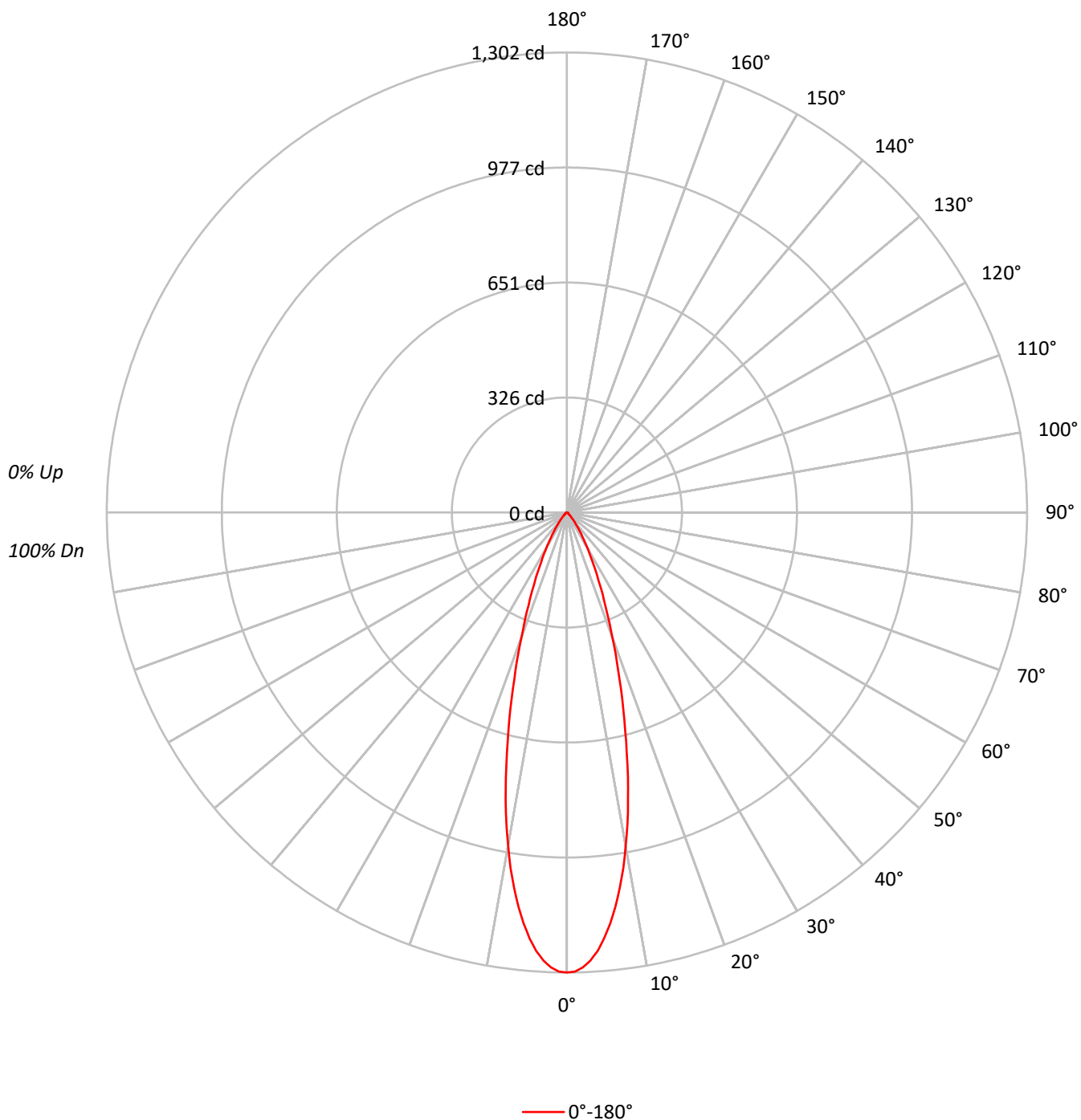
Lumens per Lamp: N/A
Luminaire Lumens: 445.1 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	285460
5°	266321
10°	213334
15°	144814
20°	87624
25°	51245
30°	29169
35°	16062
40°	8530
45°	4497
50°	2627
55°	1950
60°	1667
65°	1764
70°	1667
75°	1440
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	24.1
10°-20°	175.4	39.4
20°-30°	100.2	22.5
30°-40°	39.6	8.9
40°-50°	12.1	2.7
50°-60°	4.8	1.1
60°-70°	3.2	0.7
70°-80°	1.8	0.4
80°-90°	0.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	383.0	86.0
0°-40°	422.5	94.9
0°-60°	439.4	98.7
0°-90°	445.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1302	
5°	1210	107
15°	638	175
25°	212	100
35°	60	40
45°	14	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1301.8
1°	1299.2
2°	1288.6
3°	1269.9
4°	1243.9
5°	1209.9
6°	1169.9
7°	1124.8
8°	1072.5
9°	1019.0
10°	958.1
11°	898.2
12°	832.3
13°	767.2
14°	700.4
15°	637.9
17.5°	494.6
20°	375.5
22.5°	282.0
25°	211.8
27.5°	156.9
30°	115.2
32.5°	83.4
35°	60.0
37.5°	42.5
40°	29.8
42.5°	20.4
45°	14.5
47.5°	10.2
50°	7.7
52.5°	6.0
55°	5.1
57.5°	4.7
60°	3.8
62.5°	3.4
65°	3.4
67.5°	3.0
70°	2.6
72.5°	2.1
75°	1.7
77.5°	1.3
80°	0.9
82.5°	0.9
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)